

solving a differential equation.

Conditions for credit contract

Access to this course unit via a credit contract is determined after successful competences assessment

Conditions for exam contract

This course unit cannot be taken via an exam contract

Teaching methods

Seminar, Lecture

Study material

Type: Slides

Name: Lecture slides

Indicative price: Free or paid by faculty

Optional: no

Language : English

Type: Other

Name: Lecture notes provided in the class

Indicative price: Free or paid by faculty

Optional: no

Language : English

References

W.E. Kohler, L.W. Johnson, "Elementary Differential Equations with Boundary Value Problems", 2nd Edition, Pearson, 2005

E. Kreyszig, "Advanced Engineering Mathematics", 10th Edition, Wiley, 2011.

W.E. Boyce, R.C. Prima, "Elementary Differential Equations", 10th Edition, Wiley, 2012.

Course content-related study coaching

Assessment moments

end-of-term and continuous assessment

Examination methods in case of periodic assessment during the first examination period

Skills test, Written assessment with open-ended questions

Examination methods in case of periodic assessment during the second examination period

Skills test, Written assessment with open-ended questions

Examination methods in case of permanent assessment

Written assessment with open-ended questions

Possibilities of retake in case of permanent assessment

examination during the second examination period is not possible

Calculation of the examination mark

Nonperiodic Evaluation - Written examination with open questions: 20%

Periodic Evaluation (Final Exam) - Written exam with open questions, skills test: 80%

Students need to attend and participate in the exercise sessions in order to pass the course.